

1. (three times amended) An image sensing apparatus comprising:
 - (a) first, second and third light sources which emit light which are different in wavelength;
 - (b) a signal generator unit which generates a trigger signal for triggering an operation of sensing one line of one image;
 - (c) a sensing unit which, in response to the trigger signal, outputs in a first period, a signal of one line of the image illuminated by the light source; and
 - (d) a light source control unit which controls such that, in a first period, the first, the second, and the third light sources are sequentially turned on and off in this order and such that, in a second period, the first, the second, and the third light sources are sequentially turned on and off in this order before a next trigger signal is generated, wherein the second period is such a period during which no trigger signal is generated over a length of time greater than the length of time of the first period.
5. (amended) An apparatus according to claim 1, wherein said light source control unit sequentially turns on the first, the second and the third light sources so that said sensing unit may sense an image in a color mode.
6. (amended) An apparatus according to claim 1, wherein said light source control unit sequentially turns on the first, the second and the third light source so that said sensing unit may sense an image in a monochrome mode.
7. (twice amended) An apparatus according to claim 1, wherein said sensing unit outputs a signal a plurality of times during the first period.
8. (twice amended) An apparatus according to claim 7, wherein said sensing unit outputs a signal once during the first period.
14. (three times amended) A method of sensing an image, comprising the steps of:

(a) emitting light which is different in wavelength from first, second, and third light sources;

(b) generating a trigger signal for triggering an operation of sensing one line of an image;

(c) in response to the trigger signal, outputting in a first period, one line of the image illuminated with the emitted light; and

(d) in addition to sequentially turning on and off the first, the second, and the third light sources in this order in the first period, turning on and off the first, the second, and the third light sources in this order in a second period before a next trigger signal is generated, wherein the second period is such a period during which no trigger signal is generated over a length of time greater than the length of time of the one-line sensing period.

18. (amended) A method of sensing an image according to claim 14, wherein the first, the second and the third light sources are sequentially turned on thereby sensing an image in a color mode.

19. (amended) A method of sensing an image according to claim 14, wherein the first, the second and the third light sources are sequentially turned on thereby sensing an image in a monochrome mode.

20. (twice amended) A method of sensing an image according to claim 14, wherein the operation of sensing produces a signal a plurality of times during the first period.

21. (twice amended) A method of sensing an image according to claim 20, wherein said sensing unit outputs a signal once during the first sensing period.

27. (three times amended) A control memory in which is stored a program comprising the steps of:

(a) emitting light which is different in wavelength from first, second, and third light sources;

(b) generating a trigger signal for triggering an operation of sensing one line of an image;

(c) in response to the trigger signal, outputting, in a first period, one line of the image illuminated with the emitted light; and

(d) in addition to sequentially turning on and off the first, the second, and the third light sources in this order from in the first period, turning on and off the first, the second, and the third light sources in this order in a second period before a next trigger signal is generated, wherein the second period is such a period during which no trigger signal is generated over a length of time greater than the length of time of the first period.

31. (amended) A control memory according to claim 27, wherein said program sequentially turns on the first, the second and the third light sources for sensing an image in a color mode.

32. (amended) A control memory according to claim 27, wherein said program sequentially turns on the first, the second and the third light sources for sensing an image in a monochrome mode.

33. (twice amended) A control memory according to claim 27, wherein said operation of sensing produces an output a signal a plurality of times during the first period.

34. (twice amended) A control memory according to claim 33, wherein said program causes said sensing unit to output a signal once during the first period.

70. (amended) An image sensing apparatus comprising:

(a) a light source which emits first light, second light, and third light which are different in wavelength;

(b) a signal generator unit which generates a trigger signal for triggering an operation of sensing one line of an image;

(c) a sensing unit which, in response to the trigger signal, outputs, in a predetermined period, a signal of one line of the image illuminated by the light source; and

(d) a light source control unit which controls to emit said first, second and third light in order in a predetermined order during the predetermined period by the sensing unit and controls to

stop emission of the first light and to emit a predetermined light of said light source when said trigger signal is generated during emission of said first light

wherein said predetermined order is the order of first, second and third light, and said predetermined light is the second light.

75. (amended) An apparatus according to claim 70, wherein said sensing unit outputs a signal a plurality of times during the predetermined period.

76. (amended) An apparatus according to claim 70, wherein the sensing unit outputs a signal once during the predetermined period.

78. (amended) A method of sensing an image, comprising the steps of:

- (a) generating a trigger signal for triggering an operation of sensing one line of an image;
- (b) sequentially emitting first, second, and third light in a predetermined first period,
- (c) in response to the trigger signal, outputting one line of the image illuminated with the emitted light; and

(d) in addition to sequentially emitting the first, second and third light in the one-line sensing period, if a trigger signal is generated in a second period, stopping emission of the first light, and sequentially emitting the second light, the third light, and the first light in this order, wherein said second period is such a period, in the predetermined first period, during which only the first light is emitted.

79. (amended) A method according to claim 78, wherein the first light is light which is first emitted at the beginning of a sensing operation.

80. (amended) A method according to claim 78, wherein the first light is light which is slower in a rising speed when being turned on than the second and third light.

81. (amended) A method according to claim 78, wherein said sequentially emitting first, second and third lights is carried out by controlling a light source such that a plurality of light rays are sequentially emitted whereby a sensing unit senses a color image.
82. (amended) A method according to claim 78, wherein said sequentially emitting first, second and third light is carried out by controlling a light source control unit controls the light source such that a plurality of light rays are sequentially emitted whereby a sensing unit senses a monochrome image.
83. (amended) A method according to claim 78, wherein a sensing unit outputs a signal a plurality of times during the predetermined period;
84. (amended) A method according to claim 78, wherein a sensing unit outputs a signal once during the predetermined sensing period;
85. (amended) A method according to claim 78, wherein the first light, the second light, and the third light are each one of red light, green light, and blue light.
86. (amended) A control memory in which is stored a program comprising the steps of:
- (a) generating a trigger signal for triggering an operation of sensing one line of an image;
 - (b) sequentially emitting first, second, and third light in a predetermined first period,
 - (c) in response to the trigger signal, outputting one line of the image illuminated with the emitted light; and
 - (d) in addition to sequentially emitting the first, second and third light in said predetermined first period, if a trigger signal is generated in a second period, stopping emission of the first light, and sequentially emitting the second light, the third light, and the first light in this order, wherein said second period is such a period, in the predetermined first period, during which only the first light is emitted.
87. (amended) A control memory according to claim 86, wherein the first light is light which is first

emitted at the beginning of a sensing operation.

88. (amended) A control memory according to claim 86, wherein the first light is light which is slower in a rising speed when being turned on than the second and third light.

89. (amended) A control memory according to claim 86, wherein said sequentially emitting first, second and third lights is carried out by operation of a light source control unit which controls a light source such that the plurality of light rays are sequentially emitted whereby a sensing unit senses a color image.

90. (amended) A control memory according to claim 86, wherein said sequentially emitting first, second and third lights is carried out by operation of a light source control unit which controls a light source such that the plurality of light rays are sequentially emitted whereby a sensing unit senses a monochrome image.

91. (amended) A control memory according to claim 86, wherein the sensing unit outputs a signal a plurality of times during the predetermined period.

92. (amended) A control memory according to claim 86, wherein the sensing unit outputs a signal once during the predetermined period.

93. (amended) A control memory according to claim 86, wherein the first light, the second light, and the third light are each one of red light, green light, and blue light.

94. (amended) An image sensing apparatus comprising:

(a) a light source which emits first light, second light, and third light which are different in wavelength;

(b) a signal generator unit which generates a trigger signal for triggering an operation of sensing one line of an image;

(c) a sensing unit which, in response to the trigger signal, outputs a signal of one line of the image illuminated by the light source; and

(d) a light source control unit which controls the light source such that the first light, the second light, and the third light are sequentially emitted in this order in the first period in which one line of the image is sensed by the sensing unit and such that predetermined light is emitted when the trigger signal is generated in a second period, wherein the second period is such a period during which no trigger signal is generated over a length of time greater than the length of time of a first period, and wherein the predetermined light is the second light in the case where the first light is being emitted when the trigger signal is generated, while the predetermined light is the first light in the case where light other than the first light is being emitted when the trigger signal is generated.

99. (amended) An apparatus according to claim 94, wherein the sensing unit outputs a signal a plurality of times during the first period.

100. (amended) An apparatus according to claim 94, wherein the sensing unit outputs a signal once during the first period.

102. (amended) A method of sensing an image, comprising the steps of:

(a) generating a trigger signal for triggering an operation of sensing one line of an image;

(b) sequentially emitting first, second, and third light in a one-line sensing period,

(c) in response to the trigger signal, outputting one line of the image illuminated with the emitted light; and

(d) in addition to sequentially emitting the first, second and third light in the one-line sensing period, emitting predetermined light when the trigger signal is generated in a non-sensing period, wherein the non-sensing period is such a period during which no trigger signal is generated over a length of time greater than the length of time of the one-line sensing period, and wherein the predetermined light is the second light in the case where the first light is being emitted when the trigger signal is generated, while the predetermined light is the first light in the case where light other than the first light is being emitted when the trigger signal is generated..

103. (amended) An apparatus according to claim 102, wherein the first light is light which is first emitted at the beginning of a sensing operation.
105. (amended) An apparatus according to claim 102, wherein said sequentially emitting first, second and third lights is carried out by a light source control unit which controls a light source such that the first, the second and the third lights are sequentially emitted whereby a sensing unit senses a color image.
106. (amended) An apparatus according to claim 102, wherein said sequentially emitting first, second and third lights is carried out by operation of a light source control unit which controls a light source such that the first, the second and the third lights are sequentially emitted whereby a sensing unit senses a monochrome image.
107. (amended) An apparatus according to claim 102, wherein a sensing unit outputs a signal a plurality of times during the first period.
108. (new) An apparatus according to claim 102, wherein a sensing unit outputs a signal once during the first period.
110. (amended) A control memory in which is stored a program comprising the steps of:
- (a) generating a trigger signal for triggering an operation of sensing one line of an image;
 - (b) sequentially emitting first, second, and third light in a one-line sensing period,
 - (c) in response to the trigger signal, outputting, in a first period, one line of the image illuminated with the emitted light; and
 - (d) in addition to sequentially emitting the first, second and third light in the first period, emitting predetermined light when the trigger signal is generated in a second period,
- wherein the non-sensing period is such a period during which no trigger signal is generated over a length of time greater than the length of time of said first period, and